CLAIMS

What is claimed is:

- A fusing system for fusing toner to a recording medium, comprising:
- 2 a fuser roller;
- 3 a pressure roller in contact with the fuser roller; and
 - a heating roller external to and in contact with one of the fuser and the pressure
- 5 rollers.
- 1 2. The system of claim 1, wherein the fuser roller comprises a hollow tube
- 2 and an internal heating element.
- 1 3. The system of claim 1, wherein the pressure roller comprises a hollow tube
- 2 and an internal heating element.
- 1 4. The system of claim 1, wherein the fuser roller comprises an outer layer
- 2 composed of an elastomeric material.

- The system of claim 1, wherein the pressure roller comprises an outer
- 2 layer composed of an elastomeric material.
- 1 6. The system of claim 1, wherein the heating roller contacts the fuser roller.
- The system of claim 1, wherein the heating roller comprises a hollow tube
 and an internal heating element.
- 1 8. The system of claim 7, wherein the internal heating element comprises a
- 2 tungsten filament halogen lamp.
- The system of claim 1, further comprising a second heating roller external
- 2 to and in contact with the pressure roller.

- 1 10. A fusing system for fusing toner to a recording medium, comprising:
- a hollow fuser roller having an internal heating element and an outer layer
- 3 composed of an elastomeric material;
- 4 a pressure roller in contact with the fuser roller and having an outer layer
- 5 composed of an elastomeric material; and
- a hollow heating roller having an internal heating element, the heating roller
- 7 external to and being in contact with the fuser roller.
- 1 11. The system of claim 11, wherein the pressure roller comprises a hollow
- 2 tube and an internal heating element.
- 1 12. The system of claim 11, wherein the internal heating elements comprise
 - tungsten filament halogen lamps.
- 1 13. The system of claim 11, further comprising a second heating roller
- 2 external to and being in contact with the pressure roller.

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- 1 14. A fusing system for fusing toner to a recording medium, comprising:
- 2 a fuser roller having an outer surface;
- 3 a pressure roller in contact with the fuser roller; and
- 4 external heating means positioned outside of the fuser roller that is adapted to heat
- 5 the outer surface of the fuser roller.
- 1 The system of claim 15, wherein the external heating means comprise an 2 external heating roller in contact with the fuser roller.
 - A device in which toner is fused to a recording medium, comprising:
- 2 means for attracting toner to a surface of the recording medium; and
- 3 a fusing system including a hollow fuser roller having an internal heating element
- 4 and an outer layer composed of an elastomeric material, a pressure roller in contact with
- 5 the fuser roller and having an outer layer composed of an elastomeric material, and a
- 6 hollow heating roller having an internal heating element, the heating roller being in
- 7 contact with the fuser roller.
 - 17. The device of claim 17, wherein the pressure roller comprises a hollow
 - tube and an internal heating element.

- 1 18. The device of claim 17, wherein the internal heating elements comprise
- 2 tungsten filament halogen lamps.
- 1 19. The system of claim 17, further comprising a second heating roller
- 2 external to and being in contact with the pressure roller.
- 1 20. A method for heating a fuser roller of a fusing system, comprising the
- 2 steps of:
- 3 providing an external heating roller;
- 4 contacting an outer surface of the fuser roller with the external heating roller;
- 5 heating the external heating roller; and
- 6 rotating the external heating roller and the fuser roller such that heat is transferred
- 7 from the external heating roller to the fuser roller.